

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-11: (Canceled)

12. (Currently Amended) An image generating device ~~which requests images of components~~ for generating an image of a component completed by arranging a plurality of components in a plurality of divided areas ~~and structuring virtual components in a virtual three-dimensional space, characterized in the device~~ comprising:

storage means for ~~priorly storing, in advance, data on the plurality of areas, data on the plurality of components, a first parameter indicating the characteristics of the plurality of areas and directions in which the plurality of components are to be arranged in each area, and a second parameter indicating at least types and sizes of the plurality of components and environments where the plurality of components are to be arranged~~ storage means for storing, in advance, data on the plurality of areas, data on the plurality of components, a first parameter indicating the characteristics of the plurality of areas and directions in which the plurality of components are to be arranged in each area, and a second parameter indicating at least types and sizes of the plurality of components and environments where the plurality of components are to be arranged ~~differences of at least the type, attribute, and arranged environment of said components and parameters corresponding thereto ;~~

selection means for selecting, based on the characteristics of the plurality of areas included in the first parameter, one component from among the plurality of components for which the second parameter has been designated; ~~designating said parameters and selecting said component; and~~

arranging means for arranging, based on the directions in which the plurality of components are to be arranged in each area included in the first parameter, the

selected component in any of the areas; and ~~with an algorithm simulating human sensitiveness and structuring said completed component.~~

an imaging unit for generating image data to form the image of the component completed by arranging the selected component in any of the areas.

13-14. (Canceled)

15. (New) An image generating method for generating an image of a component completed by arranging a plurality of components in a plurality of divided areas in a virtual three-dimensional space, the method comprising:

storing, in advance, data on the plurality of areas, data on the plurality of components, a first parameter indicating the characteristics of the plurality of areas and directions in which the plurality of components are to be arranged in each area, and a second parameter indicating at least types and sizes of the plurality of components and environments where the plurality of components are to be arranged;

selecting, based on the characteristics of the plurality of areas included in the first parameter, one component from among the plurality of components for which the second parameter has been designated;

arranging, based on the directions in which the plurality of components are to be arranged in each area included in the first parameter, the selected component in any of the areas; and

generating image data to form the image of the component completed by arranging the selected component in any of the areas.

16. (New) A computer-readable recording medium including a computer program for causing a computer to serve as an image generating device for generating an image of a component completed by arranging a plurality of components in a plurality of divided areas in a virtual three-dimensional space, the computer program causing the computer to serve as:

storage means for storing, in advance, data on the plurality of areas, data on the plurality of components, a first parameter indicating the characteristics of the plurality of areas and directions in which the plurality of components are to be arranged in each area, and a second parameter indicating at least types and sizes of the plurality of components and environments where the plurality of components are to be arranged;

selection means for selecting, based on the characteristics of the plurality of areas included in the first parameter, one component from among the plurality of components for which the second parameter has been designated;

arranging means for arranging, based on the directions in which the plurality of components are to be arranged in each area included in the first parameter, the selected component in any of the areas; and

an imaging unit for generating image data to form the image of the component completed by arranging the selected component in any of the areas.